GPS Antenna Specification as Follows:

Operating Frequency	1575.42 Mhz
LNA gain(without cable)	27dB
Typical noise figure	1.5dB
Operating Voltage (VDC)	3~7
Operating Current	15mA
Max.GSM Working Frequency	824-894/1710-1880 MHz
VAWR	2:1
Impendence	50 Ohms
Peak gain	2dBi at 900mhz,2dBi at 1800mhz
Azimuth	Omni-directional polarization, linear polarization
Protection Standard	IP67
Connector	SMA-Ma1e
Color	Black
cable Size (AWG)	2.6
Weight (gm)	60
Cable Len (Meter)	3

PIS Controller with Voice Announcement Specifications is as Follows:

1	Processor	APM 32
2	Display Size	65mm x 15mm
3	Display Format	16 x 2 character LCD with blue backlight
4	Route Data Storage	Inbuilt 16MB flash Storage
5	Announcement storage	Micro SD card up to 32GB
6	USB 2.0	Support up to 32GB USB 2.0
7	Sign Communications	RS485
8	OBU Communications to PIS user interface	NA
9	Wi-Fi/Bluetooth	Reserved for OTA Update
10	Keypad	6 key input for device operations
11	GPS	Inbuilt module for automatic stop announcement and time clock
12	Inbuilt Audio Amplifier	Supports up to 6 speakers of 8 ohm impedance, (up to 30W)
13	External Microphone (optional)	For driver's announcement at highest priority

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